



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

May 10
D2565-203
Job Sheet 176544



Part No: D2565-203

Job Qty: 4 ea

Part Name: Strut



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/25/18

Job Tracking No:

Due Date: 5/10/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV E IPP: D 01.06.04 Added Powder Coat, Removed Polish, and Added Inspection Levels 3 & 21 EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		5/10/18	0.00	0.00	Start Up Small Fab-4		<i>MLC</i>
100	Brake NC	4 pcs		5/10/18	1.37	0.20	Brake NC 3		<i>MLC</i>
110	Small Fab	4 pcs		5/10/18	0.00	0.72	Small Fab		<i>MLC</i>
120	QC	4 pcs		5/10/18	0.00	0.00	QC5		<i>D 18-05-18</i>
130	Powdercoat	4 pcs		5/10/18	0.00	0.13	Powdercoat2		<i>BRAS-5-22</i>
140	QC	4 pcs		5/10/18	0.00	0.00	QC3		<i>MAY 2 2 2018</i>
150	Packaging	4 pcs		5/10/18	0.00	0.00	Packaging3	<i>5/3/18</i>	<i>MAY 9 2018</i>
160	QC21-SA	4 Ea		5/10/18	0.00	0.00	QC21		<i>DAS</i>

Part Op 100 - Punch as per Dwg D2565 using DT 8313

Descriptions: 110 - Drill hole as per Dwg D2565 (one end only)

130 - START TIME: *8:30* FINISH TIME: *9:00 A.T. 1100°*

M 138839.

MAY 2 2 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304TR0.750W.049	304 Round Tube .750 X .049W	7 ft (1.75 ea)	90-Start up Operation	<i>5037 449</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304TR0.750W.049	7	68	0

Part Specifications

Specifications could not be found.

Plex 4/25/18 2:46 PM Dart.lajeunesse.marie

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: Date:

Work Order update only

Work Order: _____		DISPOSITION		DEPARTMENT/PROCESS																																																																															
Part No. _____		Rework ☐	Skid-t	Engineering ☐																																																																															
NCR No. _____		Scrap ☐	Mach	ality ☐																																																																															
		Use-as-is ☐	Thermofo	ther ☐																																																																															
		Suspected Unapproved ☐	Large	☐ (2) Approval																																																																															
Date :		Step #:		QT																																																																															
Description Work Order Deviation																																																																																			
				Completed By																																																																															
				nd / Supervisor																																																																															
				val Verification																																																																															
				/ QA Coordinator																																																																															
				Approval																																																																															
<table border="1"> <thead> <tr> <th colspan="6">Root Cause</th> </tr> </thead> <tbody> <tr> <td>Environment</td> <td>☐</td> <td>No Re-verification</td> <td>☐</td> <td>Pressure/Forced</td> <td>☐</td> </tr> <tr> <td>Design</td> <td>☐</td> <td>Operator</td> <td>☐</td> <td>Bending</td> <td>☐</td> </tr> <tr> <td>Doc/Data</td> <td>☐</td> <td>Offset/Setup</td> <td>☐</td> <td>Centre Not Concentric</td> <td>☐</td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td>Supplier</td> <td>☐</td> <td>Cracks</td> <td>☐</td> </tr> <tr> <td>Handling/Pre</td> <td>☐</td> <td>Training</td> <td>☐</td> <td>Crimp/Kink/Ripple/Wave</td> <td>☐</td> </tr> <tr> <td>Material</td> <td>☐</td> <td>Use for Testing</td> <td>☐</td> <td>Cuffs</td> <td>☐</td> </tr> <tr> <td>Internal Transport</td> <td>☐</td> <td>Poor Information</td> <td>☐</td> <td>Crushing</td> <td>☐</td> </tr> <tr> <td>Tribal Knowledge</td> <td>☐</td> <td>Rushing</td> <td>☐</td> <td>Heat Treat</td> <td>☐</td> </tr> <tr> <td>LOA</td> <td>☐</td> <td>Product Improvement</td> <td>☐</td> <td>Wave/Twist in Tube</td> <td>☐</td> </tr> <tr> <td>Substation</td> <td>☐</td> <td>Process Improvement</td> <td>☐</td> <td>Marks/Chatter</td> <td>☐</td> </tr> <tr> <td>Past Expiry Date</td> <td>☐</td> <td>Manufacturing Process</td> <td>☐</td> <td></td> <td>☐</td> </tr> <tr> <td>Misidentified</td> <td>☐</td> <td>Past Due</td> <td>☐</td> <td>OTHER :</td> <td>☐</td> </tr> </tbody> </table>						Root Cause						Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Design	☐	Operator	☐	Bending	☐	Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	Equip/Tooling	☐	Supplier	☐	Cracks	☐	Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Material	☐	Use for Testing	☐	Cuffs	☐	Internal Transport	☐	Poor Information	☐	Crushing	☐	Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Past Expiry Date	☐	Manufacturing Process	☐		☐	Misidentified	☐	Past Due	☐	OTHER :	☐
Root Cause																																																																																			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐																																																																														
Design	☐	Operator	☐	Bending	☐																																																																														
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐																																																																														
Equip/Tooling	☐	Supplier	☐	Cracks	☐																																																																														
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐																																																																														
Material	☐	Use for Testing	☐	Cuffs	☐																																																																														
Internal Transport	☐	Poor Information	☐	Crushing	☐																																																																														
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐																																																																														
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐																																																																														
Substation	☐	Process Improvement	☐	Marks/Chatter	☐																																																																														
Past Expiry Date	☐	Manufacturing Process	☐		☐																																																																														
Misidentified	☐	Past Due	☐	OTHER :	☐																																																																														
Date: 05/18/18 Inspector: _____ Revision: _____ Serial No/Batch: S072561 Job No: 176544 Part: D2565-203 Container No: S072561 DART AEROSPACE 1270 Aberdeen Street Markham, ON K3A 1K7 TEL: 1 613 632-6200 Email: sales@dartaero.com www.dartaerospace.com																																																																																			
<table border="1"> <tbody> <tr> <td>Positioned Wrong</td> <td>☐</td> </tr> <tr> <td>Outside Dimensions</td> <td>☐</td> </tr> <tr> <td>Over/Under tolerance</td> <td>☐</td> </tr> <tr> <td>Part Incorrect</td> <td>☐</td> </tr> <tr> <td>Part Lost/Missing</td> <td>☐</td> </tr> <tr> <td>Part Moved</td> <td>☐</td> </tr> <tr> <td>Drawing</td> <td>☐</td> </tr> <tr> <td>Finish</td> <td>☐</td> </tr> <tr> <td>Misread</td> <td>☐</td> </tr> <tr> <td>Turning Sequence</td> <td>☐</td> </tr> </tbody> </table>						Positioned Wrong	☐	Outside Dimensions	☐	Over/Under tolerance	☐	Part Incorrect	☐	Part Lost/Missing	☐	Part Moved	☐	Drawing	☐	Finish	☐	Misread	☐	Turning Sequence	☐																																																										
Positioned Wrong	☐																																																																																		
Outside Dimensions	☐																																																																																		
Over/Under tolerance	☐																																																																																		
Part Incorrect	☐																																																																																		
Part Lost/Missing	☐																																																																																		
Part Moved	☐																																																																																		
Drawing	☐																																																																																		
Finish	☐																																																																																		
Misread	☐																																																																																		
Turning Sequence	☐																																																																																		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					